

Title (en)

METHOD OF OBTAINING CYCLIC AMINO ACIDS

Title (de)

VERFAHREN ZUR GEWINNUNG CYCLISCHER AMINOSÄUREN

Title (fr)

PROCEDE D'OBTENTION D'ACIDES AMINES CYCLIQUES

Publication

EP 1820794 B1 20110105 (EN)

Application

EP 05778843 A 20050714

Priority

- ES 2005000396 W 20050714
- ES 200401797 A 20040722

Abstract (en)

[origin: EP1820794A1] The present invention relates to a process for obtaining cyclic amino acids substantially in non-salified form of formula (I), where n is an integer selected from 2, 3 and 4, and particularly gabapentin (compound of formula (I) with n = 3), with a high degree of purity. The process comprises an electrolysis step of a solution of an addition salt of the cyclic amino acid with a mineral acid, by means of which the mineral acid anion is eliminated down to contents that may reach values that are not more than 3 ppm.

IPC 8 full level

C07C 229/28 (2006.01); **A61K 31/195** (2006.01); **C07C 227/38** (2006.01); **C25B 3/00** (2006.01)

CPC (source: EP ES US)

A61K 31/195 (2013.01 - ES); **A61P 25/00** (2017.12 - EP); **C07C 227/38** (2013.01 - ES); **C07C 227/40** (2013.01 - EP US); **C07C 229/28** (2013.01 - ES); **C25B 3/00** (2013.01 - EP ES US); **C07C 2601/14** (2017.04 - EP US)

C-Set (source: EP US)

C07C 227/40 + **C07C 229/28**

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1820794 A1 20070822; **EP 1820794 B1 20110105**; AT E494273 T1 20110115; DE 602005025801 D1 20110217; ES 2246159 A1 20060201; ES 2246159 B1 20070316; JP 2008506850 A 20080306; JP 4777348 B2 20110921; US 2009032406 A1 20090205; WO 2006035080 A1 20060406

DOCDB simple family (application)

EP 05778843 A 20050714; AT 05778843 T 20050714; DE 602005025801 T 20050714; ES 200401797 A 20040722; ES 2005000396 W 20050714; JP 2007521964 A 20050714; US 65804505 A 20050714